

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:)
Yoshiaki KOJIMA) Confirmation No.: 3223
Application No.: 10/593,476) Patent No.: 7,473,910
Filed: 9/20/2006) Issue Date: 1/6/2009

Title: ELECTRON BEAM LITHOGRAPHY
APPARATUS

Commissioner for Patents
U.S. Patent and Trademark Office
Alexandria, VA 22314

Sir:

**SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY
AND GRANT OF NEW POWER OF ATTORNEY**

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New Power of Attorney by the Assignee.

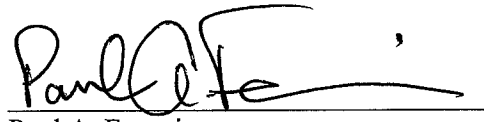
If there is any fee due in connection with the filing of this paper, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

DRINKER BIDDLE & REATH LLP

Dated: April 28, 2009

By:


Paul A. Fournier
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignee: **PIONEER CORPORATION**

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Washington, D.C. 20231

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), **PIONEER CORPORATION**, a Japanese corporation, certifies that it is an assignee of 100% of the right, title, and interest in the patent applications and issued patents identified in the following chart by virtue of respective Assignment documents for each listed application and patent from the inventor(s) to PIONEER CORPORATION submitted to the U.S. Patent and Trademark Office. The dates on which the assignments were submitted and the reel/frame numbers at which the assignments were recorded are indicated in the chart below.

Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
10/07/2003	46969-5534	10/679,416	7,276,692	10/02/2007	10/07/2003; 014590/0275
09/10/2003	46969-5533	10/658,271	7,200,095	04/03/2007	09/10/2003; 014482/0886
10/13/2005	46969-5536	10/553,176	-	-	10/13/2005; 017885/0627
06/20/2007	46969-5537	10/594,056	-	-	06/20/2007; 019456/0013
09/20/2006	46969-5532	10/593,476	7,473,910	01/06/2009	09/20/2006; 018346/0744
09/29/2006	46969-5535	10/594,893	-	-	09/29/2006; 018396/0562
09/01/2006	46969-5538	10/591,750	-	-	09/01/2006; 018304/0582
10/26/2006	46969-5541	11/587,932	-	-	10/26/2006; 018485/0747
08/11/2005	46969-5539	11/161,673	-	-	08/11/2005; 016391/0191
01/05/2006	46969-5540	11/325,603	-	-	04/27/2006; 017829/0357
09/22/2006	46969-5542	10/593,744	-	-	09/22/2006; 018346/0647

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee Pioneer Corporation.

Acting on behalf of the assignee Pioneer Corporation, the undersigned hereby revokes all powers of attorney previously granted in these applications and patents and appoints:

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with full power of substitution and revocation, to prosecute the applications and to transact all business in the United States Patent and Trademark Office connected with these patent applications and issued patents.

All correspondence regarding these applications should be sent to JOHN G. SMITH at:

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Respectfully submitted,

Date: April 14, 2009

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